

Eighteeth Ultra X

Cordless Ultrasonic Endo Activator

*This Quick Start Guide was created by DentalMarketplace to help you get the Ultra X set up quickly. It is **not** the official Eighteeth manufacturer manual. For complete instructions, safety information, contraindications, disinfection/sterilization procedures, and full electromagnetic compatibility (EMC) data, refer to the official Eighteeth Ultra X User Manual (linked in your product Downloads & Documentation section).*

What's in the Box

- Ultra X handpiece
- 6x autoclavable tips (assorted types)
- Wrench
- Insulating sleeve
- Adapter
- Handpiece base
- User manual

Important Safety Notes

- For endodontic treatment only. Do not use for implants or other non-endodontic procedures.
- Gloves and a rubber dam are required during treatment.
- Never run Ultra X without irrigating solution in the canal.
- Use gently — never apply pressure or wedge the tip inside the canal. If resistance is felt, retrieve the tip.
- Always keep the tip 2–3 mm short of the apex.

Setup

- 1 Always use a silicone insulating sleeve on the handpiece before attaching a tip.
- 2 Select the appropriate tip for the clinical situation and install it — the tip can be set within a 10° range.
- 3 Connect the adapter to the handpiece base and charge fully before first use.
- 4 Charge status is shown via LED indicators: full charge, 15–50%, under 15%, and under 5% (device will stop).

Basic Operation

- 1 Prepare the root canal to the required size using shaping and finishing instruments before activation.
- 2 Fill the canal with the chosen irrigating solution — never run the device dry.
- 3 Select the Ultra X tip size/length that passively fits the canal, keeping 2–3 mm short of the apex.
- 4 Activate the solution using short vertical up-and-down strokes for approximately 30 seconds per cycle.
- 5 Replenish irrigant and use suction to remove loose debris; repeat the cycle 4–5 times as needed.
- 6 Remove and discard/disinfect the tip and sleeve per your infection control protocol after each patient.

Care & Maintenance

- Tips and the wrench must not be cleaned in an ultrasonic cleaning device.
- Thoroughly clean and wash autoclavable components before autoclaving.
- Do not use bleach or chloride-based disinfectants on any component.
- Use only the original Eighteeth adapter for charging.
- Do not charge, operate, or store the device at high temperatures.